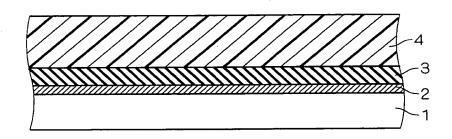


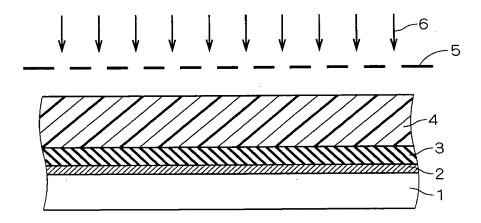


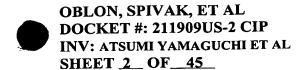
OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 1_ OF_45_

F 1 G . 1

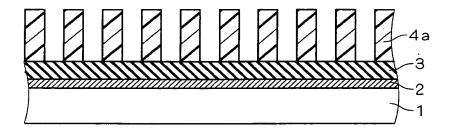


F 1 G . 2

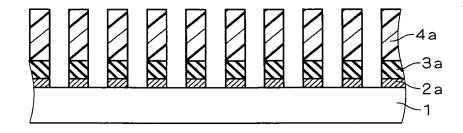


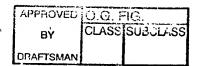


F 1 G . 3



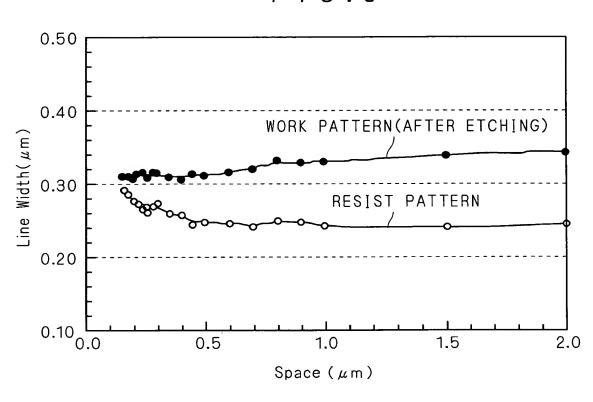
F 1 G . 4





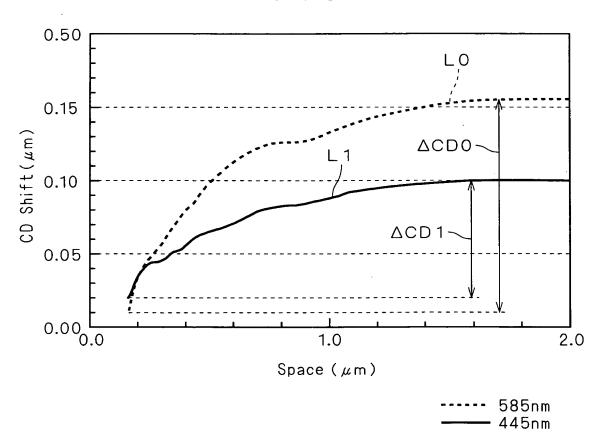
OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 3_ OF_45_

F 1 G . 5



OBLON, SPIVAK, ET AL
DOCKET #: 211909US-2 CIP
INV: ATSUMI YAMAGUCHI ET AL
SHEET 4 OF 45

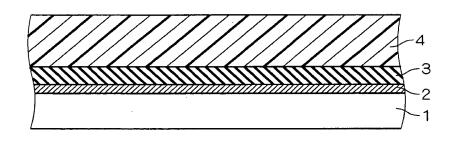
F 1 G . 6



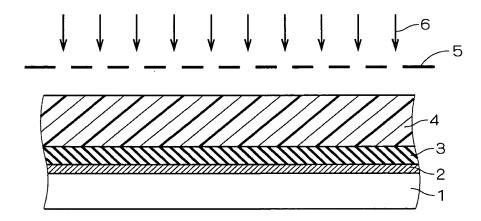
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	BY	CLASS	SUBÜLASS	
	DRAFTSMAN			

OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>5</u> OF <u>45</u>

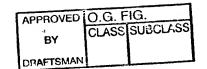
F 1 G . 7



F 1 G . 8

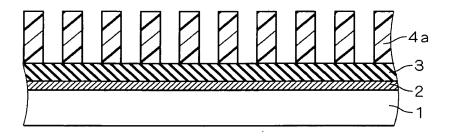


ant.

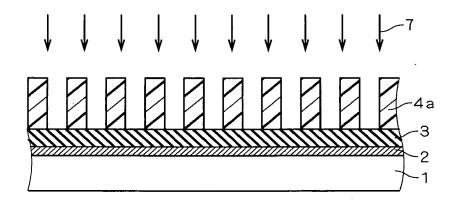


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>6</u> OF <u>45</u>

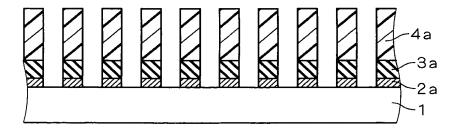
F 1 G . 9



F I G . 10

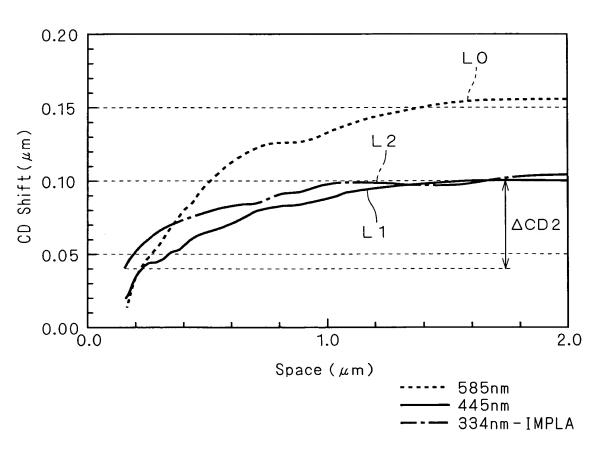


F I G . 11



The state of the s

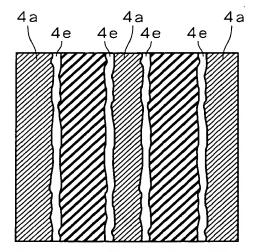
F I G . 12



ſ	APPROVED	O.G. FIG.		
	BY	CLASS	SUBCL#.SS	
	DRAFTSMAN			

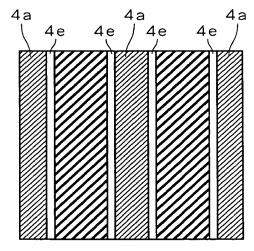
OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>8</u> OF <u>45</u>

F I G . 13



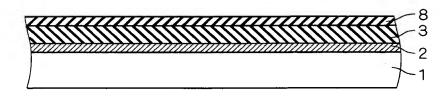
RESIST PATTERN AFTER DEVELOPMENT

F I G . 14

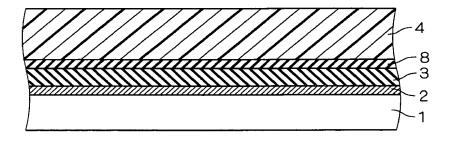


RESIST PATTERN
AFTER Ar ION IMPLANTATION

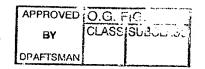
F I G . 15



F I G . 16

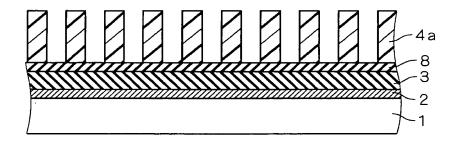


F I G . 17

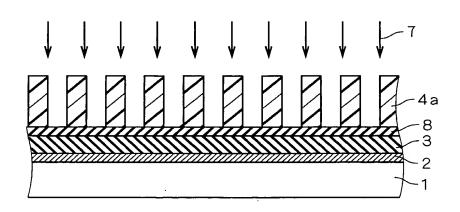


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 10 OF 45

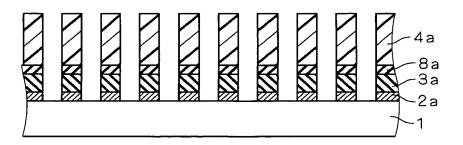
F I G . 18

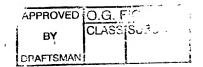


F I G . 19



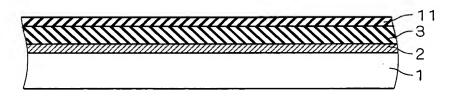
F 1 G . 20



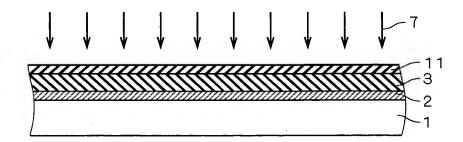


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET _11__ OF__45__

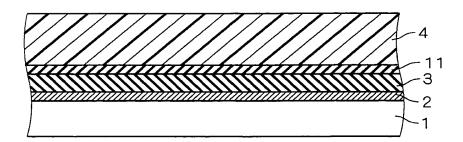
F I G . 21



F 1 G . 22



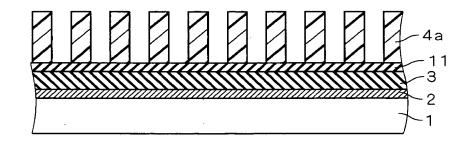
F 1 G . 23



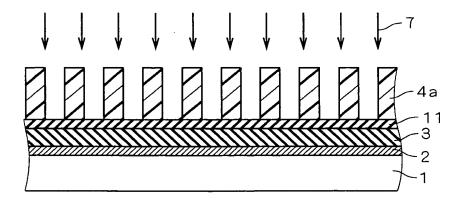
	O.G. FIG.		
BY	CLASS	SUBCLASS	
DRAFTSMAN			

OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>12</u> OF <u>45</u>

F 1 G . 25

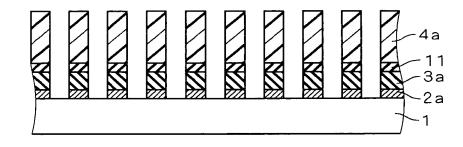


F 1 G . 26

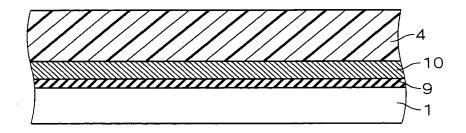


OBLON, SPIVAK, ET AL
DOCKET #: 211909US-2 CIP
INV: ATSUMI YAMAGUCHI ET AL
SHEET 13_ OF_45_

F 1 G . 27



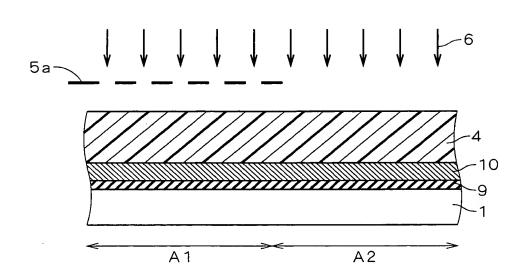
F 1 G . 28



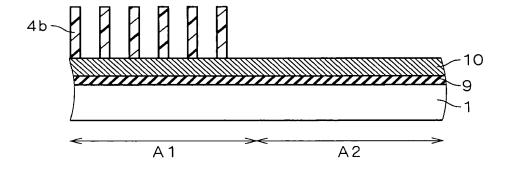
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>14</u> OF <u>45</u>

F 1 G . 29



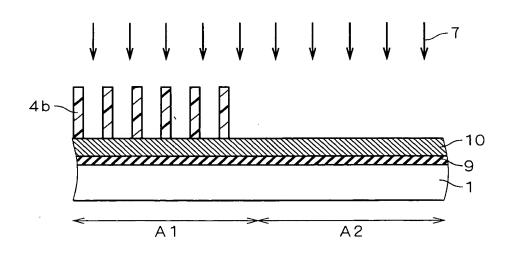
F 1 G . 30



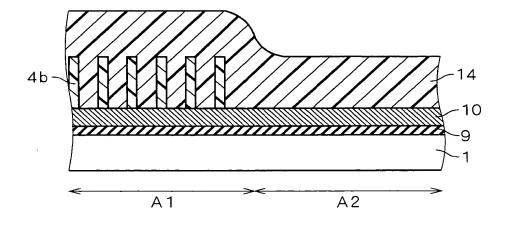
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>15</u> OF <u>45</u>

F I G . 31



F I G . 32



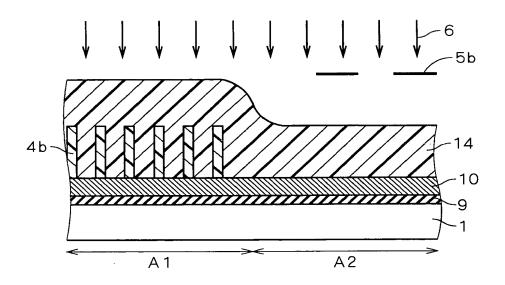
APPROVED O.G. FIG.

BY CLASS SUBCLASS

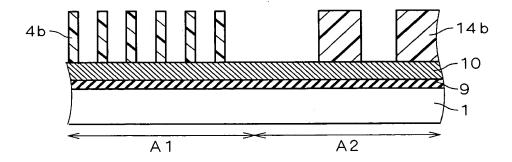
CPAFTSMAN

OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>16</u> OF <u>45</u>

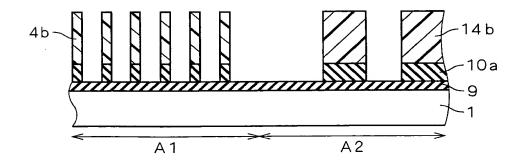
F 1 G . 33



F 1 G . 34



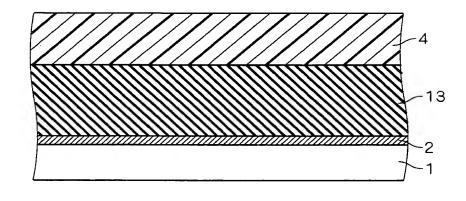
F 1 G . 35



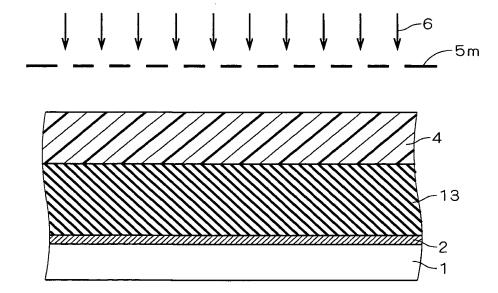
APPROVED O.G. FIG.
BY CLASS SUBCLASS
CPAFISMAN

OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 17_ OF_45_

F 1 G . 36



F 1 G . 37



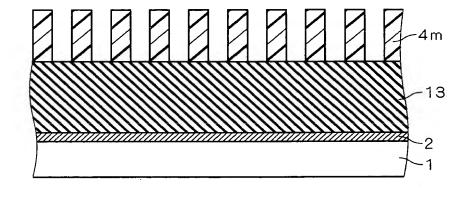
APPROVED O.G. FIG.

BY CLASS SUBCLASS

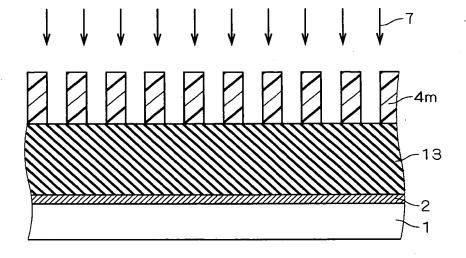
DPAFTSMAN

OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>18</u> OF <u>45</u>

F 1 G . 38

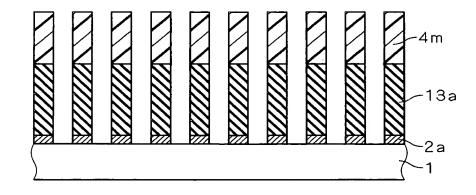


F 1 G . 39

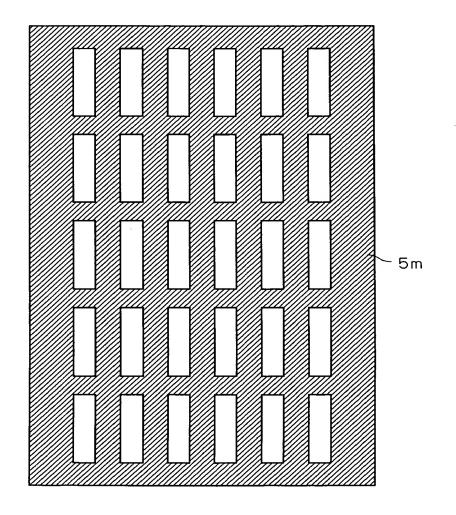


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>19</u> OF <u>45</u>

F 1 G . 40



F I G . 41

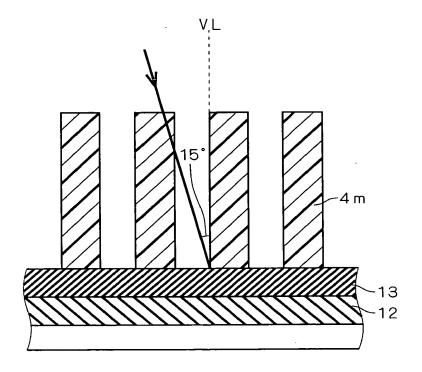


APPROVED O.G. FIG.

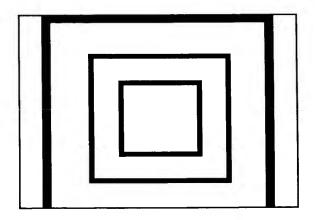
BY CLASS SUBCLASS

OBLON, SPIVAK, ET AL
DOCKET #: 211909US-2 CIP
INV: ATSUMI YAMAGUCHI ET AL
SHEET 20 OF 45

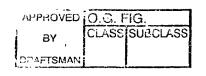
F 1 G . 42



F 1 G . 43

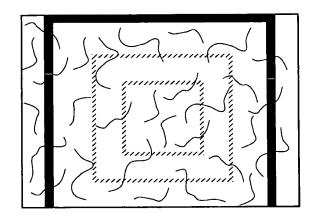


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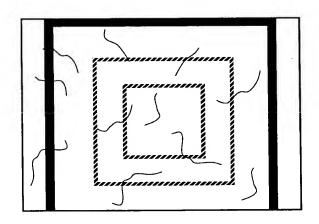


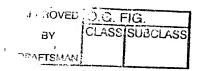
OBLON, SPIVAK, ET AL DÖCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>21</u> OF <u>45</u>

F 1 G . 44

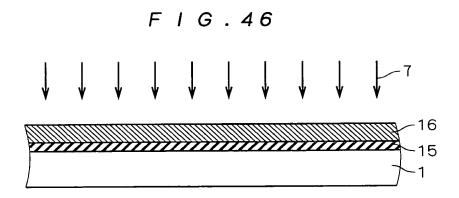


F 1 G . 45

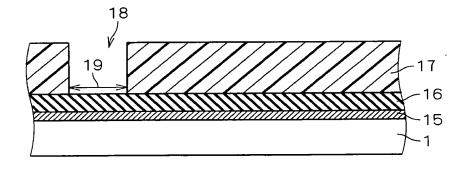




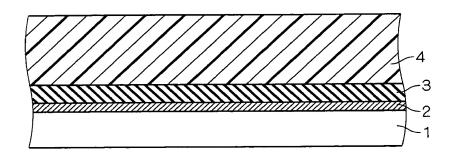
OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET _22_ OF__45_

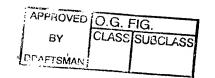


F 1 G . 47



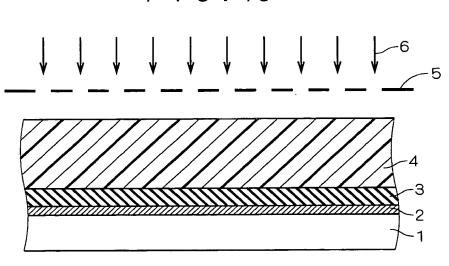
F I G . 48



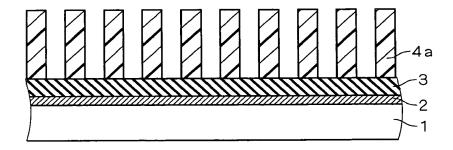


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>23</u> OF<u>45</u>

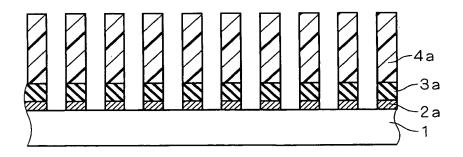
F 1 G . 49

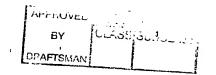


F 1 G . 50



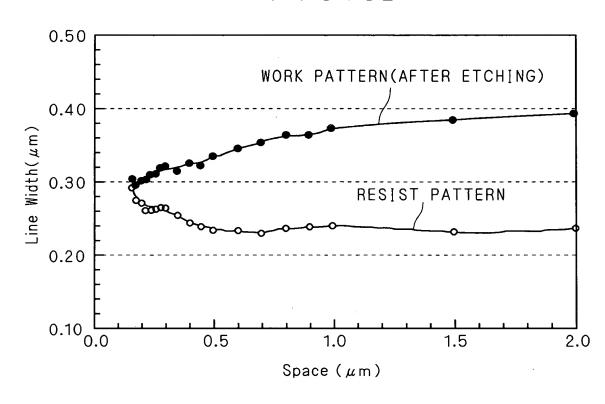
F I G . 51





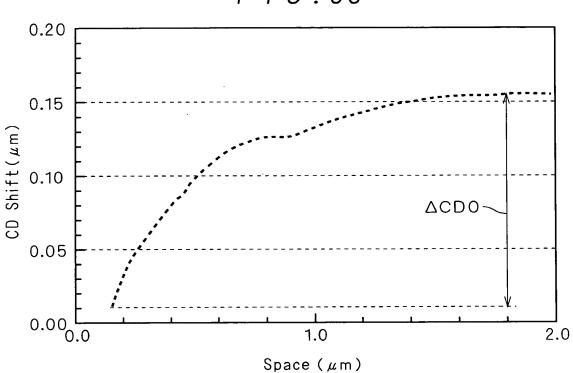
OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>24</u> OF <u>45</u>

F 1 G . 52

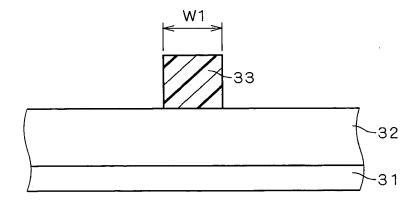


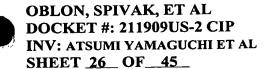
<u> nga aga ngaya</u>

F I G . 53

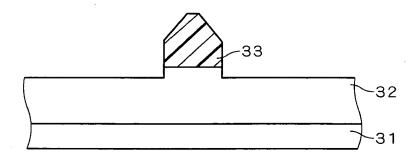


F1G.54

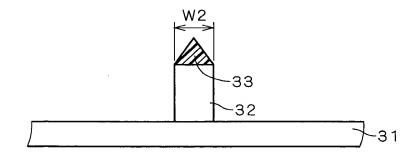




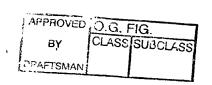
F 1 G . 55



F 1 G . 56

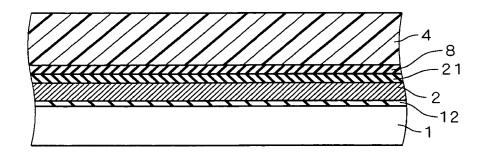


noo-case ayaya

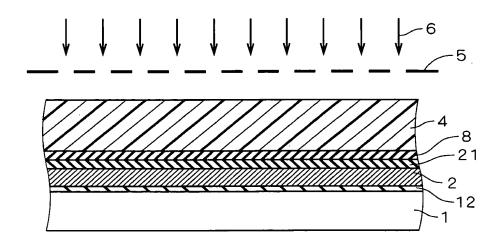


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 27_ OF_45_

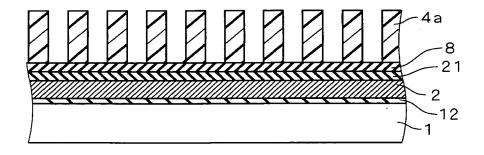
F 1 G . 57



F 1 G . 58

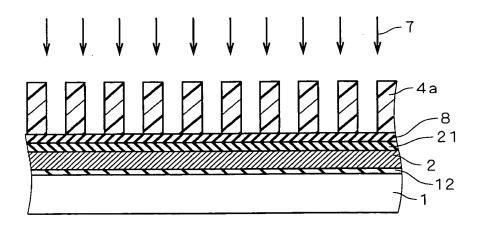


F 1 G . 59

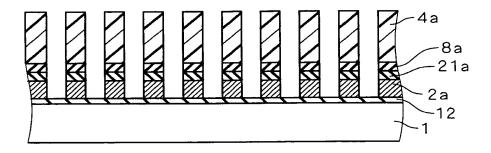




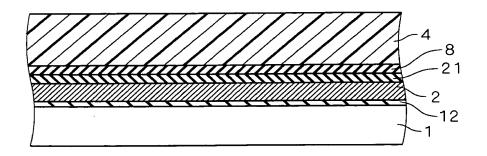
F 1 G . 60



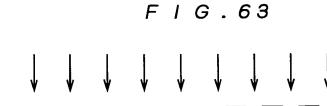
F I G . 61

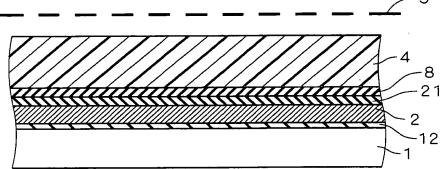


F 1 G . 62

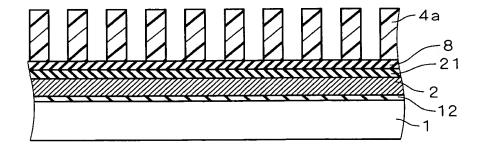


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 29 OF 45





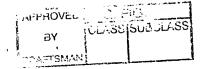
F 1 G . 64



F I G . 65

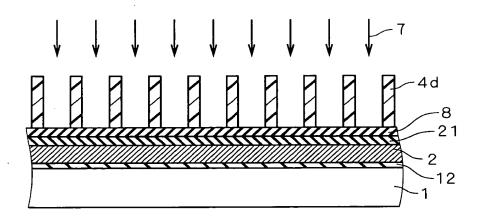
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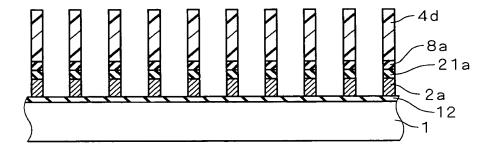


OBLON, SPIVAK, ET AL
DOCKET #: 211909US-2 CIP
INV: ATSUMI YAMAGUCHI ET AL
SHEET 30 OF 45

F 1 G . 66



F 1 G . 67



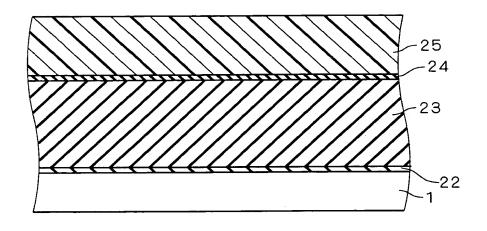
APPROVEL O.G. FIG.

BY CLASS SUZCLASS

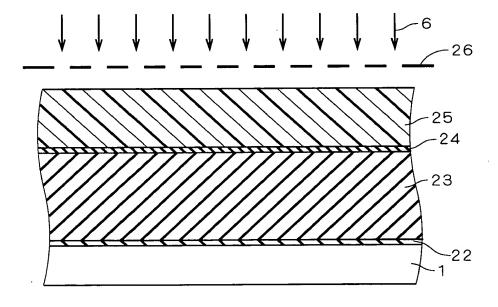
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OBLON, SPIVAK, ET AL
OCKET #: 211909US-2 CIP
NV: ATSUMI YAMAGUCHI ET AL
SHEET 31 OF 45

F 1 G . 68



F 1 G . 69



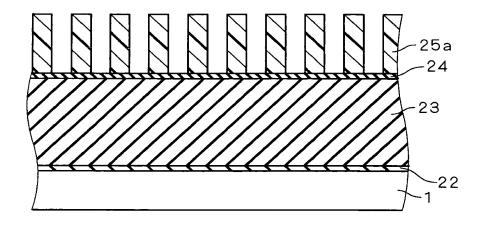
APPROVEL G. FIG.

BY CLASS SUBCLASS

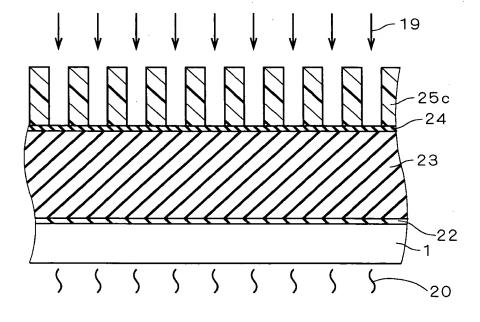
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OBLON, SPIVAK, ET AL
OCKET #: 211909US-2 CIP
NV: ATSUMI YAMAGUCHI ET AL
SHEET 32 OF 45

F 1 G . 70



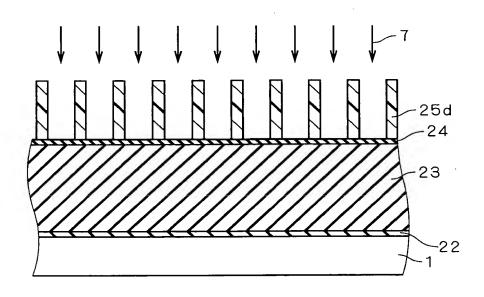
F I G . 71



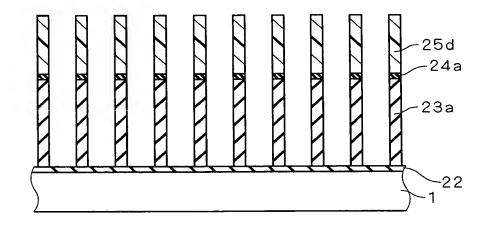
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 33 OF 45

F 1 G . 72



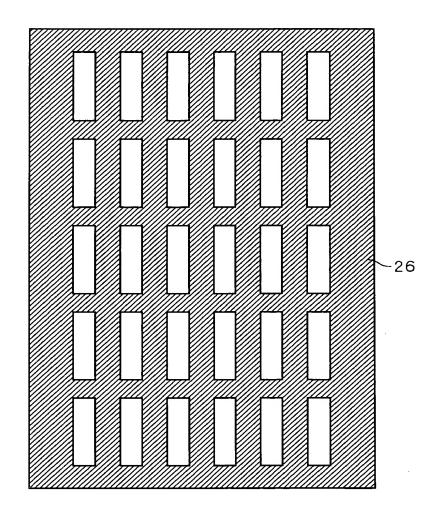
F 1 G . 73



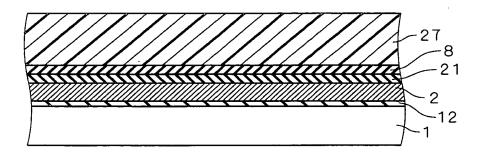
BY CLASS SUBCLASS
DEAFTSMAN

OBLON, SPIVAK, ET AL
DOCKET #: 211909US-2 CIP
INV: ATSUMI YAMAGUCHI ET AL
SHEET 34 OF 45

F 1 G . 74



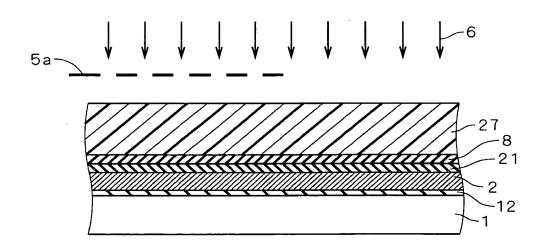
F 1 G . 75



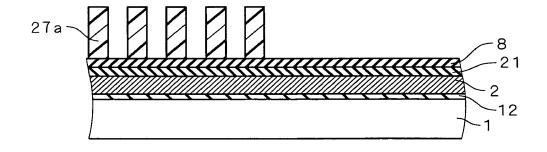
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>35</u> OF <u>45</u>

F 1 G . 76



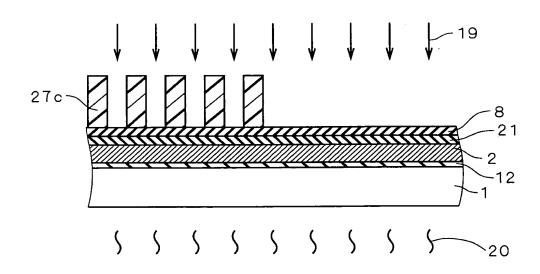
F 1 G . 77



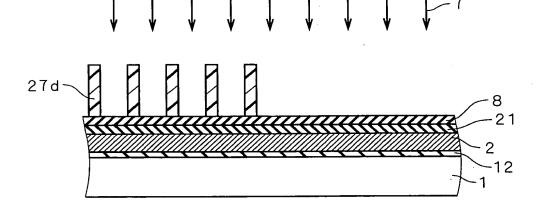
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>36</u> OF<u>45</u>

F 1 G . 78



F 1 G . 79



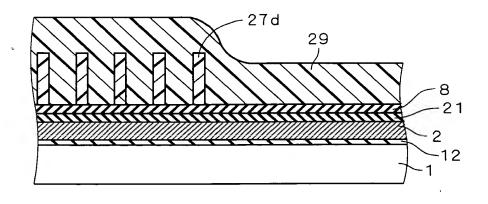
APPROVED O.G. FIG.

BY, CLASS SUCCLASS

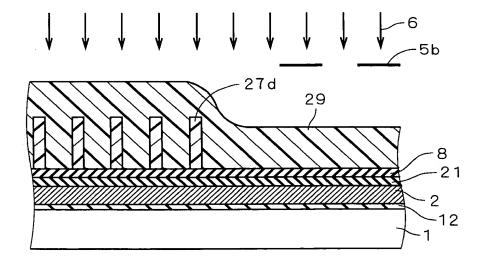
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OBLON, SPIVAK, ET AL
DOCKET #: 211909US-2 CIP
INV: ATSUMI YAMAGUCHI ET AL
SHEET 37_OF_45_

F 1 G . 80

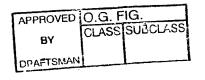


F I G . 81



1,51

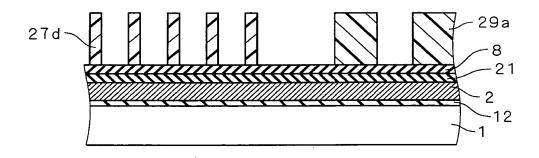
u I



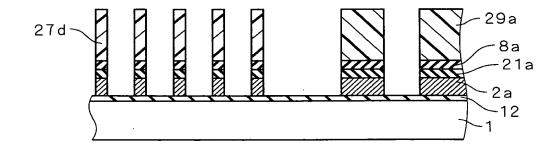


OBLON, SPIVAK, ET AL
DOCKET #: 211909US-2 CIP
INV: ATSUMI YAMAGUCHI ET AL
SHEET 38 OF 45

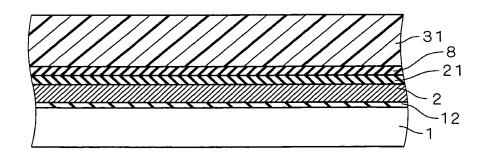
F I G . 82



F 1 G . 83



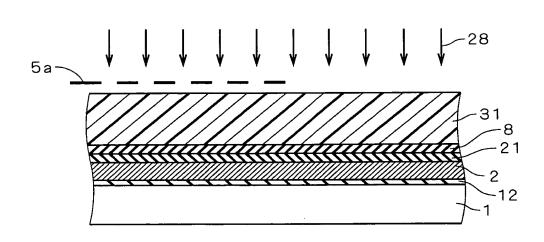
F 1 G . 84



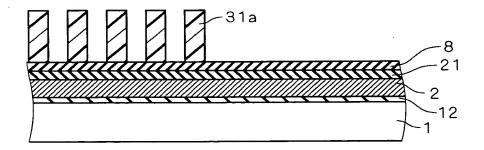


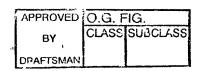
OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 39 OF 45

F 1 G . 85



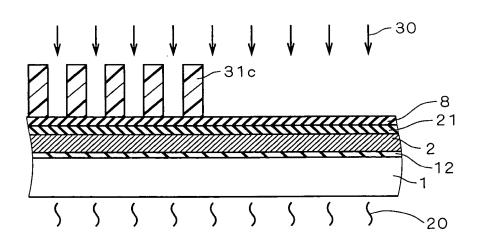
F 1 G . 86



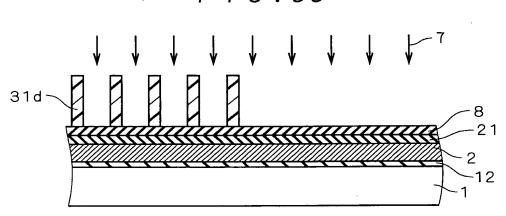


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 40 OF 45

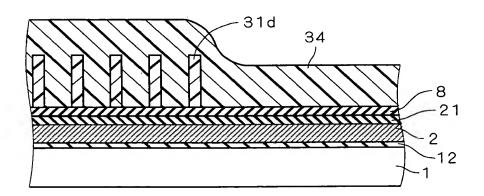
F 1 G . 87



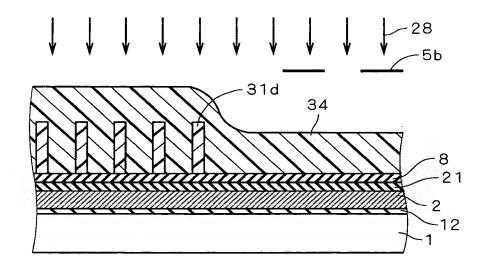
F I G . 88



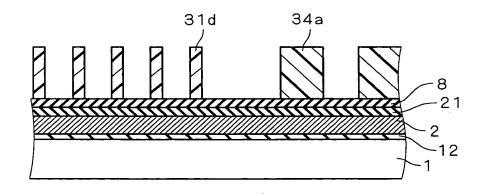
F 1 G . 89



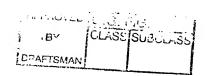
F 1 G . 90



F I G . 91

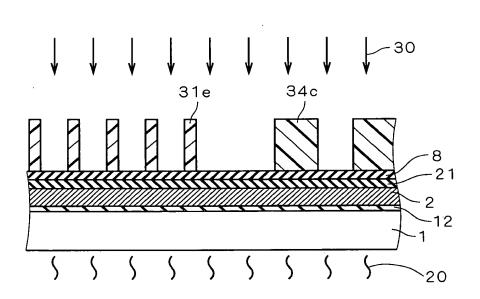


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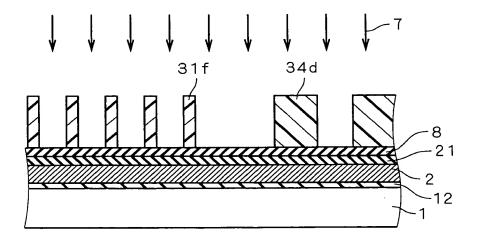


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET <u>42</u> OF <u>45</u>

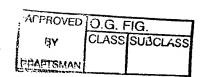
F 1 G . 92



F 1 G . 93

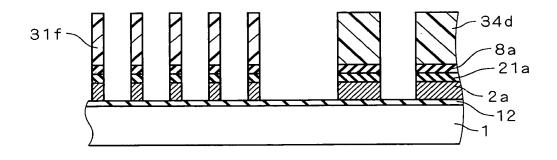


nelle:

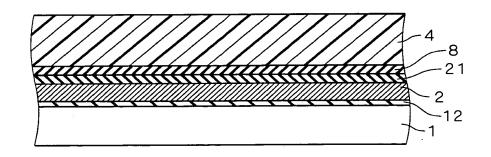


OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 43_ OF_45_

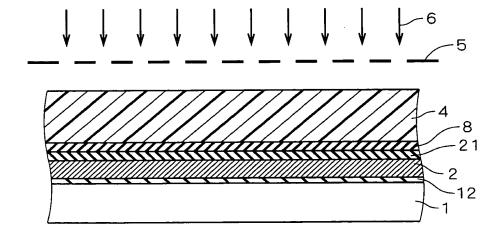
F I G . 94



F 1 G . 95



F I G . 96



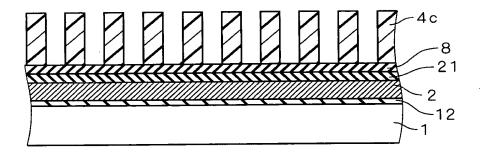
APPROVED O.G. FIG.

BY CLASS SUBCLASS

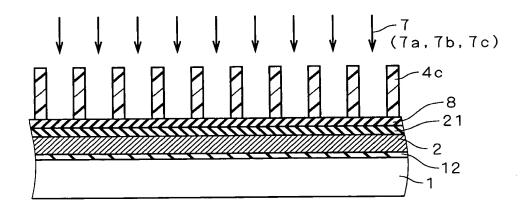
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OBLON, SPIVAK, ET AL DOCKET #: 211909US-2 CIP INV: ATSUMI YAMAGUCHI ET AL SHEET 44 OF 45

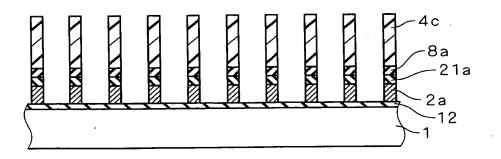
F 1 G . 97

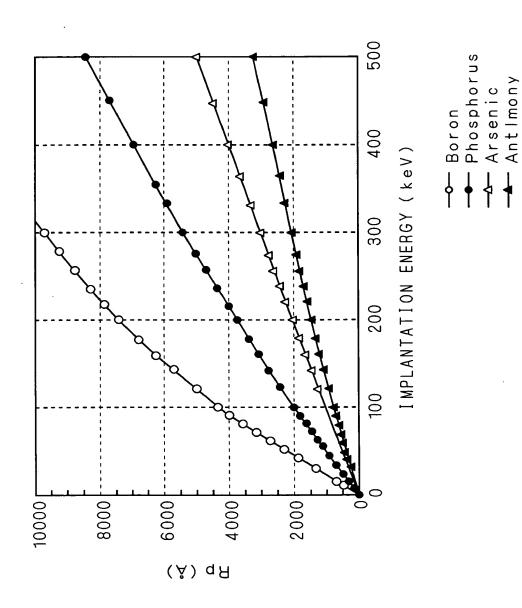


F 1 G . 98



F I G . 99





F 1 G . 100